

Amendments to the Claims

and

Listing of Claims

This listing of claims will replace all prior versions, and listings, of claims in the application.

Claims 1-5 are amended.

1. (currently amended) A cathode ray tube comprising a panel provided with a colored layer containing a coloring agent on an outer surface of a face portion, wherein the coloring agent has a density distribution such that a ratio of an emission luminance in a part that exhibits the lowest emission luminance to an emission luminance in a part that exhibits the highest emission luminance is not less than 75% and a ratio of a diffuse reflectance in a part that exhibits the lowest diffuse reflectance to a diffuse reflectance in a part that exhibits the highest diffuse reflectance is not less than 90%.
2. (currently amended) The cathode ray tube according to claim 1, wherein the coloring agent has a density distribution such that a light transmittance of the colored layer in a periphery of the face portion is the same as or larger than a light transmittance in a center.
3. (currently amended) The cathode ray tube according to claim 1, wherein the outer surface of the face portion is substantially flat and an inner surface thereof is curved, and the coloring agent has a density distribution such that a light transmittance ratio of the colored layer is 100 to 120% in a peripheral portion on a minor axis of the face portion relative to a center.
4. (currently amended) The cathode ray tube according to claim 1, wherein a light transmittance contour line obtained by connecting points on the colored layer that have the same light transmittance boundary line showing a distribution of light transmittance in the colored layer is a convex form protruding from the center of the face portion toward the periphery of the face portion.

5. (currently amended) The cathode ray tube according to claim 4, wherein the light transmittance contour line boundary line is an approximately Ω letterform protruding from the center of the face portion toward the periphery of the face portion in a direction parallel with more toward a peripheral direction in a vicinity of a major axis of the face portion.
6. (withdrawn) A method for manufacturing the cathode ray tube according to claim 1, wherein the colored layer is allowed to have a distribution of light transmittance by changing an application quantity of a coloring agent.
7. (withdrawn) The method for manufacturing the cathode ray tube according to claim 6, wherein the application quantity of the coloring agent is changed by changing an application speed.
8. (withdrawn) The method for manufacturing the cathode ray tube according to claim 6, wherein the application quantity of the coloring agent is changed by changing a distance between the face portion and an application apparatus.
9. (withdrawn) The method for manufacturing the cathode ray tube according to claim 6, wherein the application quantity of the coloring agent is changed by changing a spray quantity from an application apparatus.